

CLAIMS

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1. A process for the production of 7-(3-aminomethyl-4-*syn*-methoxyiminopyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxylic acid methanesulfonate sesquihydrate which comprises reacting 7-(3-aminomethyl-4-methoxyiminopyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxylic acid and methanesulfonic acid in a solvent comprising at least one water miscible cosolvent and water, and isolating the resulting solid product.
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2. A process according to claim 1 wherein the water miscible cosolvent is a C₁₋₄ alcohol.
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3. A process according to claim 2 wherein the water miscible cosolvent is isopropanol.
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4. A process according to any one of the preceding claims wherein the ratio of water miscible cosolvent : water is in the range 10:1 to 1:2 v/v.
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5. A process according to claim 4 wherein the ratio of water miscible cosolvent : water is 2:1 v/v.
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6. A process according to any one of the preceding claims wherein the ratio of 7-(3-aminomethyl-4-*syn*-methoxyiminopyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxylic acid : solvent is up to 1:100 w/v.
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7. A process according to any one of the preceding claims which uses from 0.7 to mole 1.5 equivalents of methanesulfonic acid.
8. A process according to any one of the preceding claims wherein the recrystallisation solution is seeded with 7-(3-aminomethyl-4-*syn*-methoxyiminopyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxylic acid methanesulfonate sesquihydrate to aid crystallisation.
9. A process according to claim 8 wherein the solution is seeded whilst at a temperature of $\geq 25^{\circ}\text{C}$.
10. A process according to claim 9 wherein the solution is seeded whilst at a

temperature of about 30°C.

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